PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Petent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

or the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. bstitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1

(Use as many sheets as necessary)

Complete il Miowii							
Application Number	10/823,447						
Filing Date	04/13/2004						
First Named Inventor	Scott Baron						
Art Unit							
Examiner Name							
Attorney Docket Number	PC20557A						

Examiner	Cito	Dogument Number	U. S. PATENT D Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (F Innown)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
		US-			
		00-	1		
		US-			_
		US-		*	
		US-			
		US-			
		US-			
		US-			
		US-			
:		US-			
		US-			
		US-			
	1	US-			
		US-			
		US-			
		US-			<u> </u>
		US-	 		

			<u>IGN PATENT DOCU</u>	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Г
*		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	7,	Or Relevant Figures Appear		
4M	wo	00/20450				Ē
						L
_						
						L
						Γ

Examiner Signature	5 Men	Date Considered / 0 - 16

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language

Translation is attached.

This collection of Information is required by 37 CFR 1.97 and 1.98. The Information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313.

If you need assistance in completing the form cell 1.800.870.9499 (1.800.876.9499) and soled existence in completing the form cell 1.800.870.9499 (1.800.876.9499) and soled existence in completing the form cell 1.800.870.9499 (1.800.876.9499).

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Please	type	a plus	sign	(+)	inside	this box	→	+
			•	٠.			•	

2

of

Sheet

PC20557A

PTO/SB/088 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Complete if Known Substitute for form 1449B/PTO **Application Number** 10/823,447 **INFORMATION DISCLOSURE** April 13, 2004 Filing Date STATEMENT BY APPLICANT Scott Baron **First Named Inventor** Group Art Unit **Examiner Name** (use as many sheets as necessary)

Attorney Docket Number

	1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the	T
Examiner Initials	Cite No.1	item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
Gr.		McLean MJ et al "Gabapentin as add-on therapy in refratory partial epilepsy" Neurol. 1993;43:2292-2298	
1		Field et al "Pregabalin may represent a novel class of anxiolytic agents with a broad spectrum of activity" Br. J. Pharmacol. 2001; 132:1-4	
		Mauri MC et al "Gabapentin and the prophylaxis of bipolar disorders in patients intolerant to lithium" Clin. Drug invest. 2001;21(3):169-174	Ī
		Takasaki I. et al "Gabapentin antinociception in mice with acute herpetic pain induced by herpes simplex virus infection" Pharmacol. Exp. Ther. 2001;296(2):270-275	
		Bauer CA and Brozoski TJ "Assessing tinnitus and prospective tinnitus therapeutics using a psychophysical animal model" JARO 2001;2/1:54-64	
		Mathew NT et al "Efficacy of gabapentin in migraine prophylaxis" Headache 2001;41:119-128	
		Loprinzi CL et al "Pilot evaluation of gabapentin for treating hot flashes" Mayo Clin. Proc. 2002;77(11):1159-1163	
		Brown JP and Gee NS "Cloning and deletion mutagenesis of the alpha2delta calcium channel subunit from porcine cerebral cortex" J. Biol. Chem. 1998;273:25458-25465	
		Stefani A et al "The efects of gabapenitn on different ligand-and voltage-gated currents in isolated cortical neurons" Epilepsy Research 2001;43(3)239-238	
		Ng GY et al "Gamma-aminobutyric acid type B receptors with specific heterodimer composition and postsynaptic actions in hippocampal neurons are targets of anticonvulsant gabapentin action" Mol. Pharmacol. 2001;59(1):144-152	
Gu		Wang M et al "Structural requirement of the calcium-channel subunit alpha2delta for gabapentin binding" Bioche. J. 1999;342:313-320	†

Examiner Signature	whom	Date 10 2607
Olgitature		Considered (U

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please	type a	plus sign (+) inside	this	box	->	+

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitu	te for form 1449B	/PTO	•	Complete if Known				
				Application Number	10/823,447			
INFO	DRMATIC	on dis	CLOSURE	Filing Date	April 13, 2004			
STA	TEMEN	T BY A	PPLICANT	First Named Inventor	Scott Baron			
• • • • • • • • • • • • • • • • • • • •				Group Art Unit				
	(use as mai	ny sheets as	necessary)	Examiner Name				
Sheet	3	of	4	Attorney Docket Number	PC20557A			

Examiner Cite No.1									
Jul		Brown JP et al "Isolation of the [3H]gabapentin-binding protein/alha2delag Ca2+ channel subunit from procine brain: development of a radioligand binding assay for alpha2delta subunits using [3H]leucine" Anal. Biochem. 1998;255(2):236-243							
		Anantharaman V and Aravind L "Cache-a signaling domain common to animal Ca2+-channel subunits and a class of prokaryotic chemotaxis receptors" Trends Biochem. Sci. 2000;25(11):535-537							
		Bork P and Rohde K "More von Willebrand factor typ A domains? Sequence similarities with malaria thrombospondin-related anonymous protein, dihydropyridine-sensitive calcium channel and inter-alpha-trypsin inhibitor" Biochem. J. 1991;279(3):908-910							
		Wattler, S. et al "Construction of gene targeting vectors from lambdaKOS genomic libraries" Bio Techniques 1999;26:1150-1160							
		ACCESSION: M76559; DEFINITION: Human neuronal DHP-sensitive, voltage-dependent, calcium channel alpha-2b subunit mRNA, complete cds.							
		ACCESSION: U73483; DEFINITION: Mus musculus voltage-gated calcium channel alpha2/delta subunit, alpha2a isoform mRNA, complete cds.							
		ACCESSION: U73484; DEFINITION: Mus musculus voltage-gated calcium channel alpha2/delta subunit, alpha2b isoform mRNA, complete cds.							
		ACCESSION: U73485; DEFINITION: Mus musculus voltage-gated calcium channel alpha2/delta subunit, alpha2c isoform mRNA, complete cds.							
		ACCESSION: U73486; DEFINITION: Mus musculus voltage-gated calcium channel alpha2/delta subunit, alpha2d isoform mRNA, complete cds.							
		ACCESSION: U73487; DEFINITION: Mus musculus voltage-gated calcium channel alpha2/delta subunit, alpha2e isoform mRNA, complete cds.							
GU	-	ACCESSION: M86621; DEFINITION: Rat dihydropyridine-sesitive L-type calcium channel alpha-2 subunit (CCHL2A) gene, complete cds.	 						

Examiner Signature	SM	ren	Date Considered	10-26-06

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Please	type a	a plus	sign	(+)	inside	this	box	→	+
P16830	typo c	ı Muş	oigit	(*)	maioe	ເທາສ	UOX	→	+

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known		
				Application Number	10/823,447	
INFO	DRMATIC	on dis	CLOSURE	Filing Date	April 13, 2004	
STA	TEMEN	Γ RY ΔΙ	PPLICANT	First Named Inventor	Scott Baron	
0.,,			LIOAIII	Group Art Unit		
	(use as many sheets as necessary)			Examiner Name		
Sheet	4	of	4	Attomey Docket Number	PC20557A	

Examiner Initials*	Cite No.1	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2				
GNL		ACCESSION: AF077665; DEFINITION: Sus scrofa voltage-dependent calcium channel alpha-2 delta subunit precursor, mRNA, complete cds.					
		·					
		·					
		·					
							
	<u> </u>						

Examiner Signature	4 Men	Date Considered LUSTO

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the Individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.